## DEFENSE ADVANCED RESEARCH PROJECTS AGENCY ELECTRONICS TECHNOLOGY OFFICE (ETO) PLANNED PROCUREMENTS

**May 1998** 

| PROGRAM DESCRIPTION  | FUNDING | SCHEDULE                                   | PROGRAM MGR                                |
|--|---------|--|--|
| Semiconductor Technology Focus Center Research Program (FCRP): This                      | \$45M   | RA 98-23                                   | Dr. Daniel J. Radack                       |
| program will address semiconductor technology research and development by utilizing      |         | Proposals due                              | ETO  |
| the US research university system to work on long-range, innovative research. Only       |         | 5/8/98                                     |  |
| US universities will be considered for funding. Research funded under the FCRP is        |         |  |  |
| generally high-risk, high-payback, long-term and targeted to silicon integrated circuit  |         | Total program:                             |  |
| (IC) technology. There are two areas of interest in the initial solicitation: (1) design |         | 3-5 years                                  |  |
| and test; and (2) interconnect. This program is jointly funded and managed with the      |         |  |  |
| domestic Semiconductor Industry through the Microelectronics Advanced Research           |         |  |  |
| Corp (MARCO). This program is funded through the DDR&E Government-Industry               |         |  |  |
| Co-Sponsorship of University Research (GICUR) Initiative.                                |         |  |  |
| Heat Removal by Thermo-Integrated Circuits (HERETIC): This is a new                      | \$20M   | RAA  | Dr. Flias Towe                             |
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|  |         | Total program:                             | LIO  |
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| Corp (MARCO). This program is funded through the DDR&E Government-Industry               | \$20M   | BAA<br>4QFY98<br>Total program:<br>3 years | Dr. Elias Towe<br>Dr. Elliott Brown<br>ETO |